containing an infrared-transparent pigment such as General Electric 61076.

The inner lip **50** of the second bezel **40** is preferably obliquely extending rearwardly (i.e. toward the left as viewed in FIGS. **6** and **7**) and inwardly, terminating wit an edge **64** describing a generally rectangular opening **66** which conforms to the contour of the CRT face **12**, for engaging the CRT face **12** when the second bezel **40** is retained by the first bezel **22** in accordance of the present invention.

The dimensions of the outer bezel **40** are such that its outer sides **42, 44, 46, 48** fit within the opening **23** of the first bezel **22** with only a small space (perhaps 0.02 inch) between the second bezel outer sides **42, 44, 46, 48** and the respective inner edges **38, 36, 32, 34** of the first bezel **22**. A flange **68** outwardly extends from the rear of the second bezel **40** (i.e. the rear being toward the right as viewed in FIG. **4**), along the base of each of the second bezel outer sides **42, 44, 46, 48**. The width of each flange **68** is such that the overall height and width dimensions of the second bezel **40** are greater than the opening **23** of the first bezel **22**, so that the second bezel flanges **68** extend behind the first bezel **22** when the second bezel **40** is inserted within the opening **23** of the first bezel **22** as shown in FIG. **7**.

Each of the outer sides **42, 44, 46, 48** of the second bezel **40** carry at least one and preferably two spring devices, which in their preferred embodiment are resilient cantilever members or spring fingers **70** obliquely projecting from the flanges **68** along each side **42, 44, 46, 48** and toward the front of the second bezel **40** (i.e. toward the left as viewed in FIG. **4**). The spring fingers **70** are preferably integral with the second bezel **40**, being molded into the flanges **68**, and are preferably situated near the respective ends of each of the sides **42, 44, 46, 48**. The length and forward projection of each of the spring fingers **70** are sufficient such that the spring fingers **70** resiliently engage the rear surface **72** of the first bezel **22** (which may include a member affixed to the rear surface **72**) when, as shown in FIGS. **6** and **7**, the second bezel **40** is fitted within the first bezel **22** and the first bezel **22** is mounted in fixed relation to the CRT **10** with the second bezel's inner lip edge **64** engaging the CRT face **12**.

In practicing the method of assembling the bezel apparatus of the present invention to the CRT face **12**, the infrared emitter and detector pairs **56, 58** and their associated circuits are mounted within the cavity **54** of the second bezel **40**, if the apparatus is for utilization in a touch input display system for providing an infrared radiation grid in front of the CRT face **12**. The second bezel. **40** is then fitted within the opening **23** of the first bezel **22** with the spring fingers **70** directed for resiliently engaging the rear surface **72** of the first bezel **22**. The first or outer bezel **22** is next mounted to the chassis upon which has been mounted the CRT **10**, with the second bezel's inner lip edge **64** engaging the CRT face **12**. As the first or outer bezel **22** is secured to the chassis by the screws **28** (see FIGS. **6** and **7**) the rearward displacement of the outer bezel **22** with its rear surface **72** engaging the spring fingers **70** rearwardly urges the inner bezel **40** for causing its inner lip edge **64** to engage the CRT face **12**. The consequent resilient deflection of the spring fingers **70** effectively causes the inner bezel **40** to float with respect to the outer bezel **22** and to be self positioning in predetermined relation with respect to the CRT face **12**. In such manner, manufacturing variations between the mounting points (e.g. the mounting ears **14**) of the CRT **10** and the CRT face **12** are accommodated. In addition, the continuing biasing force exerted by the spring fingers **70** when contacting the outer bezel **22** causes the inner lip edge **64** of the inner bezel **40** to be closely maintained against the CRT face **12**, assisting in precluding dust and other ambient contaminants from entering the cavity **54** and from reaching the infrared emitters **56** and detectors **58** and their associated circuits.

Thus there has been described a bezel arrangement for an infrared radiation touch input display system, along with the method for assemblying the bezel apparatus to the system's display screen, wherein the bezel assembly is mounted in predetermined fixed relation to the display housing and is self adjusting upon the display screen for accommodating manufacturing variations and inaccuracies in the position of the display screen with respect to the mounting points of the display device. Although the preferred embodiment has been described with respect to its utilization in a touch input system, the invention may be utilized in other display systems which are not of the touch input type, in which case the arrangement of radiation emitter and detector pairs are not contained by the inner bezel. Other embodiments of the present invention and modifications of the embodiment and method herein presented may be developed without departing from the essential characteristics thereof. Accordingly, the invention should be limited only by the scope of the claims listed below.

I claim:

1. Bezel apparatus for a display device having a display screen, comprising in combination:

a first bezel for the display screen, said first bezel having inner edges describing an opening in said first bezel;

mounting means for mounting said first bezel in fixed relation to the display device;

a second bezel for being fitted within said first bezel opening, said second bezel having an inner lip with an edge describing an opening in said second bezel, said inner lip edge conforming to the contour of the display screen for engaging the display screen; and

spring means for cooperating with said first and second bezels for resiliently retaining said second bezel within said first bezel with said second bezel's inner lip edge engaging the display screen when said first bezel is mounted in fixed relation to the display device with said second bezel fitted within said first bezel opening.

2. The apparatus according to claim **1**, above, wherein said second bezel floats with respect to said first bezel for engaging the display screen when said first bezel is mounted in said fixed relation to the display device with said second bezel fitted within said first bezel opening.

3. The apparatus according to claim **1**, above, wherein:

said first bezel opening is generally rectangular and, when said first bezel is mounted in said fixed relation to the display device, said edges describing said first bezel opening border the display screen; and

said second bezel is generally rectangular and, when said first bezel is mounted in said fixed relation to the display device with said second bezel fitted within said first bezel opening, said spring means